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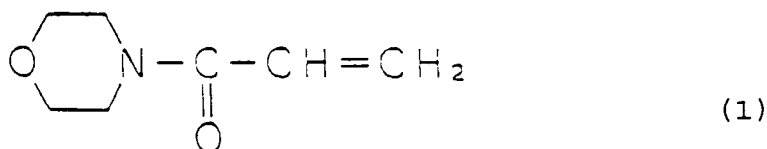
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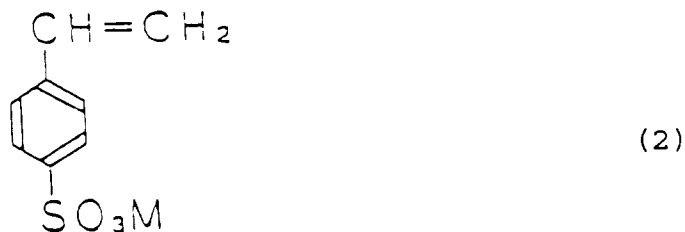
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(54) **Aqueous ink suitable for ink jet recording**

(57) Ink comprising an aqueous medium, a water-insoluble colorant and a dispersant for dispersing the colorant in the aqueous medium, the dispersant being a water-soluble polymer obtainable by polymerizing monomer comprising at least one monomer selected from acryloylmorpholine represented by the formula (1):



and styrene sulfonates represented by the formula (2):



wherein M is an alkaline metal atom or an amino group is provided. This ink is suitable for using for an ink-jet recording system because it provides a fast recorded image and is also superior in storage stability and jetting stability.

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EUROPEAN SEARCH REPORT

Application Number
EP 95 30 1400

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP-A-0 383 358 (FUJI PHOTO FILM CO LTD) 22 August 1990 * claims 1,4 * * page 4, line 23 - page 5, line 50 * ---	1	C09D11/00
A	EP-A-0 130 789 (TOYO SODA MANUFACTURING CO. LTD.) 9 January 1985 * claims 1,2 * ---	1	
A	US-A-4 977 059 (LIANG RONG-CHANG ET AL) 11 December 1990 * claim 1 * * column 6, line 16 - line 22 * ---	1	
A	US-A-4 778 781 (WASHIZU S. ET AL) 18 October 1988 * column 6, line 8 - line 14 * ---	1	
A	US-A-3 855 146 (SAEKI K ET AL) 17 December 1974 * claim 1 * -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6) C09D
Place of search THE HAGUE		Date of completion of the search 13 September 1996	Examiner Niaounakis, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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